

STREET NAME SIGNS

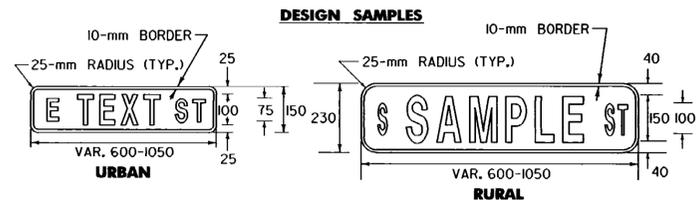
*** MATERIALS**
THE SIGN BASE MATERIALS USED FOR THE STREET NAME SIGNS MAY BE EITHER OF THE FOLLOWING:
A - EXTRUDED ALUMINUM BLADES WITH REFLECTIVE SHEETING
B - FLAT ALUMINUM BLADES WITH REFLECTIVE SHEETING

*** COLORS**
THE SIGNS SHALL HAVE A REFLECTORIZED WHITE OR SILVER TEXT (STICK ON REFLECTIVE LETTERS) ON A REFLECTORIZED GREEN BACKGROUND. THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE FHWA.

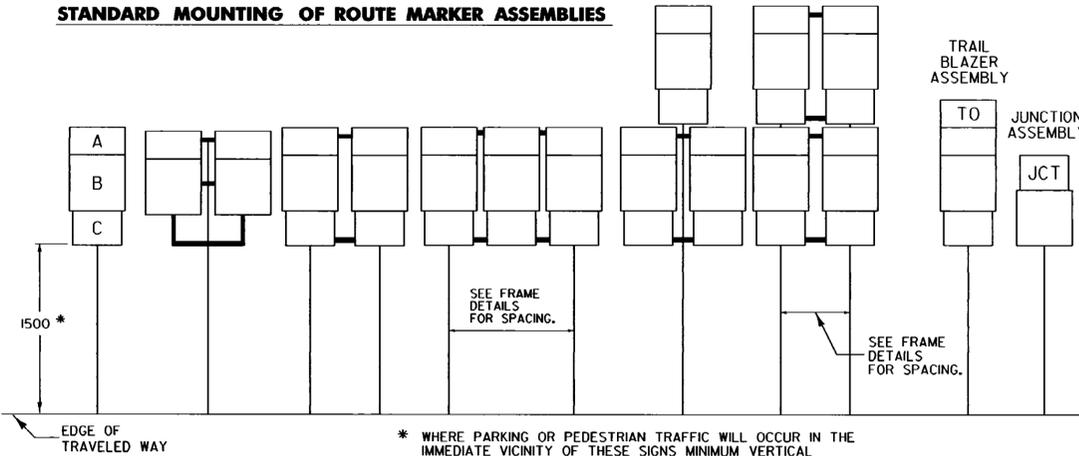
*** LETTERING**
LETTERS AND DIGITS SHALL CONFORM TO THE LATEST VERSION OF FHWA'S "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS".

*** SPECIFICATIONS**
THE SIGN SHALL MEET THE SPECIFICATIONS FOR "TRAFFIC SIGNS" AS PRESCRIBED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION. THE MATERIAL FOR THE BLADES SHALL BE EITHER EXTRUDED ALUMINUM WITH A 6.4 mm FLANGE THICKNESS AND A 2.3 mm WEBB (MIN) OR 3.18-mm FLAT SHEET ALUMINUM. THE PREFERRED MOUNTING METHOD FOR STREET SIGNS IS POST TOP MOUNTING BRACKETS. HARDWARE FOR MOUNTING BRACKETS TO POST SHALL BE SUBSIDIARY TO OTHER ITEMS. MOUNTING METHOD WILL BE AS SHOWN ON THE PLANS. MINIMUM VERTICAL CLEARANCE IS 2.4 m TO THE BOTTOM OF THE SIGN. FOR POST TOP MOUNTINGS, SIGNS SHALL HAVE TEXT ON BOTH SIDES.

*** SIZES**
RURAL AREAS - USE A 230 mm HIGH BLADE IN LENGTHS OF 600, 750, 900 OR 1050 mm. USE SERIES "B" LETTERING (MINIMUM) WITH 150 mm HIGH LETTERS FOR THE STREET NAME, 100-mm LETTERS FOR OTHER TEXT.
URBAN AREAS - USE A 150 mm HIGH BLADE IN LENGTHS OF 600, 750, 900 OR 1050 mm. USE SERIES "B" LETTERING (MINIMUM) WITH 100 mm HIGH LETTERS FOR THE STREET NAME, 75-mm LETTERS FOR OTHER TEXT.



STANDARD MOUNTING OF ROUTE MARKER ASSEMBLIES



INSTALLATION SEQUENCE:
IN MULTIPLE HORIZONTAL MOUNTINGS PLACE A ROUTE MARKER ASSEMBLY INDICATING A LEFT TURN ON THE LEFT SIDE OF THE ASSEMBLY, RIGHT TURN ON THE RIGHT SIDE. FOR VERTICALLY STACKED MOUNTINGS PLACE THE STRAIGHT THROUGH MOVE INDICATION ON TOP, THE LEFT OR RIGHT TURNS AS APPROPRIATE BENEATH.
A - CARDINAL DIRECTION MARKER C - ADVANCE TURN ARROW OR DIRECTIONAL ARROW
B - ROUTE NUMBER

APPLICATION

THE MINIMUM SIZE SHALL BE USED IN AREAS WHERE THE SPEED LIMIT IS 35 MPH OR LESS, UNLESS TEXT SIZE REQUIREMENTS DICTATE THE USE OF THE STANDARD SIZE. MULTIPLE ASSEMBLIES SHALL USE THE SAME SIZE THROUGHOUT.

MATERIALS

THE SIGN BASE MATERIAL FOR STANDARD DESTINATION SIGNS SHALL BE HIGH DENSITY OVERLAID PLYWOOD 16 mm THICK OR FLAT SHEET ALUMINUM 3.18 mm THICK. THE REFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE TEXT AND BORDER SHALL BE CUT OUT OF REFLECTORIZED WHITE OR SILVER LETTERS.

COLORS

DESTINATION SIGNS SHALL HAVE A REFLECTORIZED WHITE OR SILVER TEXT AND BORDER ON A REFLECTORIZED GREEN BACKGROUND.

THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE FHWA.

LETTERING

LETTERS AND DIGITS SHALL CONFORM TO THE LATEST VERSION OF FHWA'S "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS".

SPECIFICATIONS

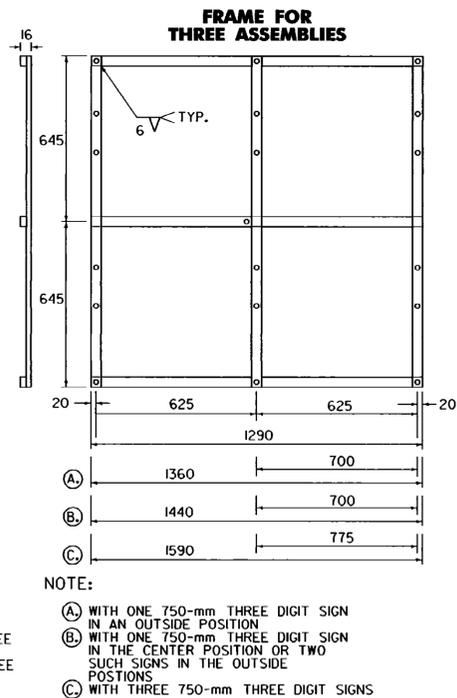
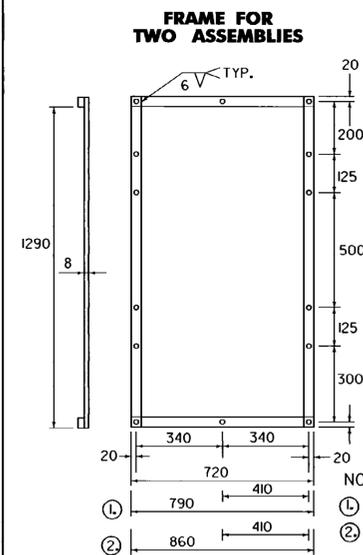
DESTINATION SIGNS SHALL MEET THE STATE SPECIFICATIONS FOR "TRAFFIC SIGNS" AS PRESCRIBED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION. ALL BORDERS ARE 10 mm.

TEXT DESIGN

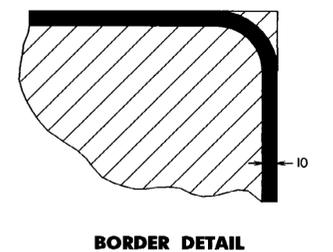
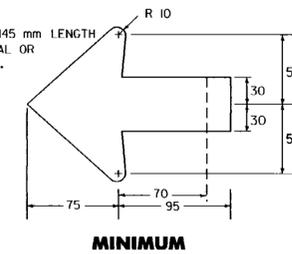
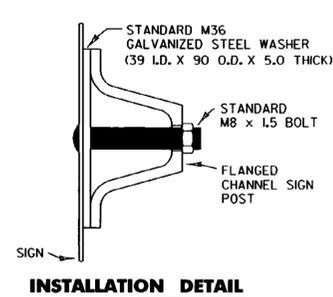
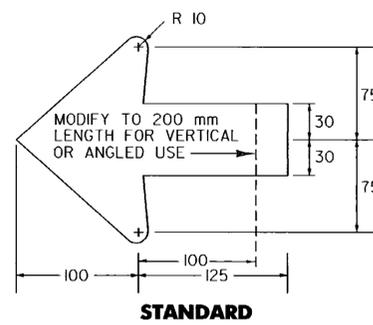
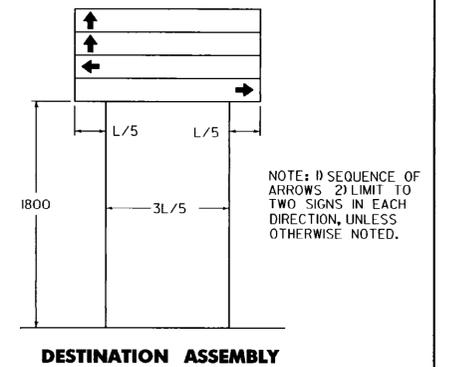
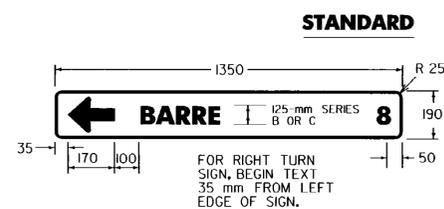
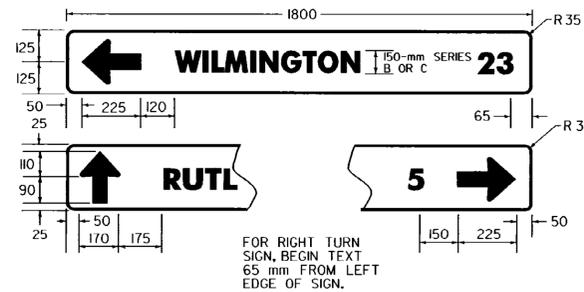
LETTERS, DIGITS, ARROW, SPACING AND TEXT DIMENSIONS SHALL CONFORM WITH THE STANDARD ALPHABETS AND DESIGNS PRESCRIBED IN THE MUTCD AND ADOPTED BY THE FHWA.

ROUTE MARKER ASSEMBLY FRAMES

STANDARD FRAMES SHALL BE 8 x 40 WELDED WROUGHT IRON. ALL HOLES SHALL BE 11 mm IN DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.



STANDARD MOUNTING OF DESTINATION ASSEMBLIES



OTHER STDS. REQUIRED:

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

JUNE 13, 1997 - ORIGINAL APPROVAL DATE

APPROVED

Paul C. ...
DIRECTOR OF ENGINEERING

Stephen B. ...
DIRECTOR OF CONSTRUCTION AND MAINTENANCE

**GUIDE SIGN PLACEMENT
MISCELLANEOUS DETAILS**



Metric
STANDARD
E-123M